

FIG. 1

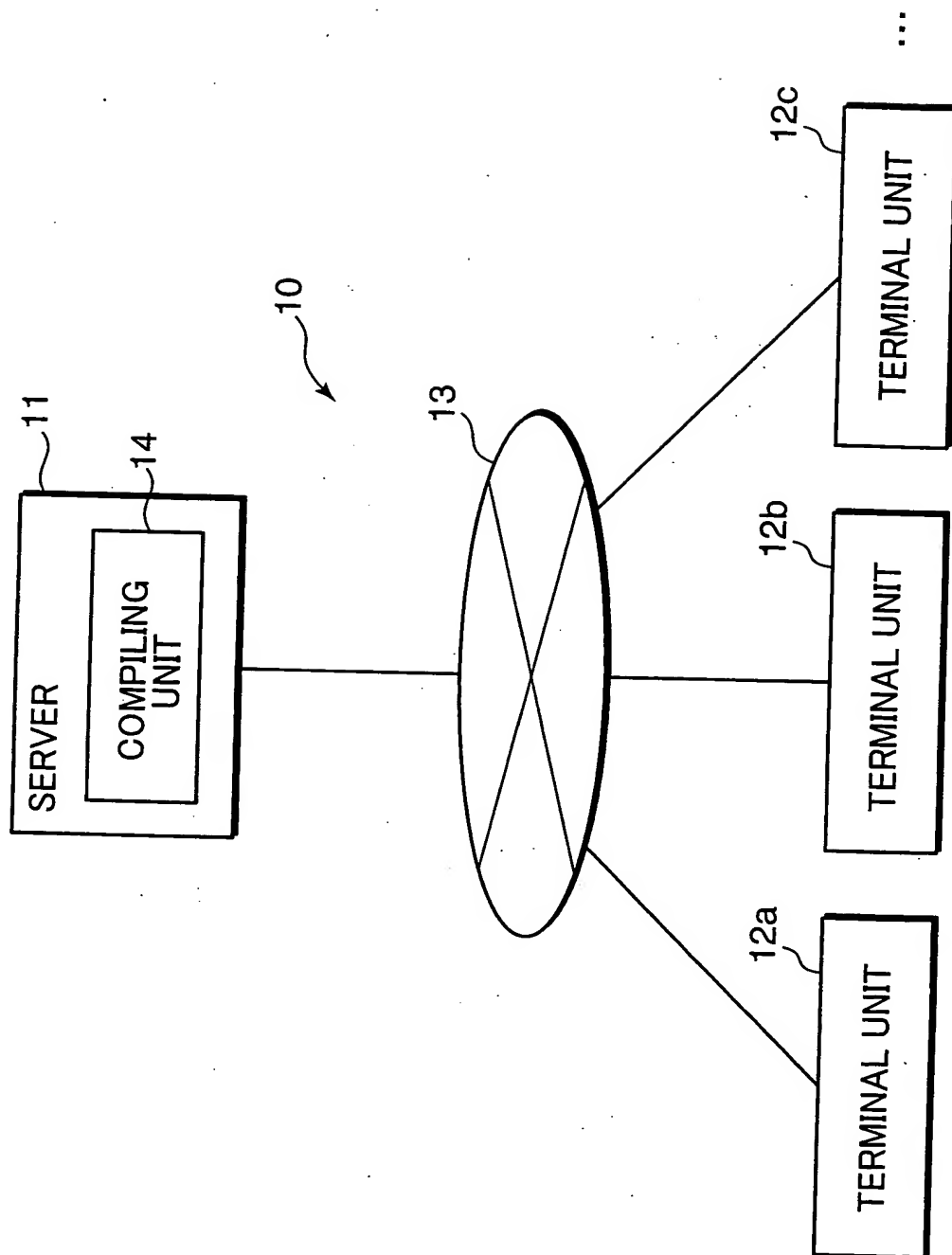


FIG. 2

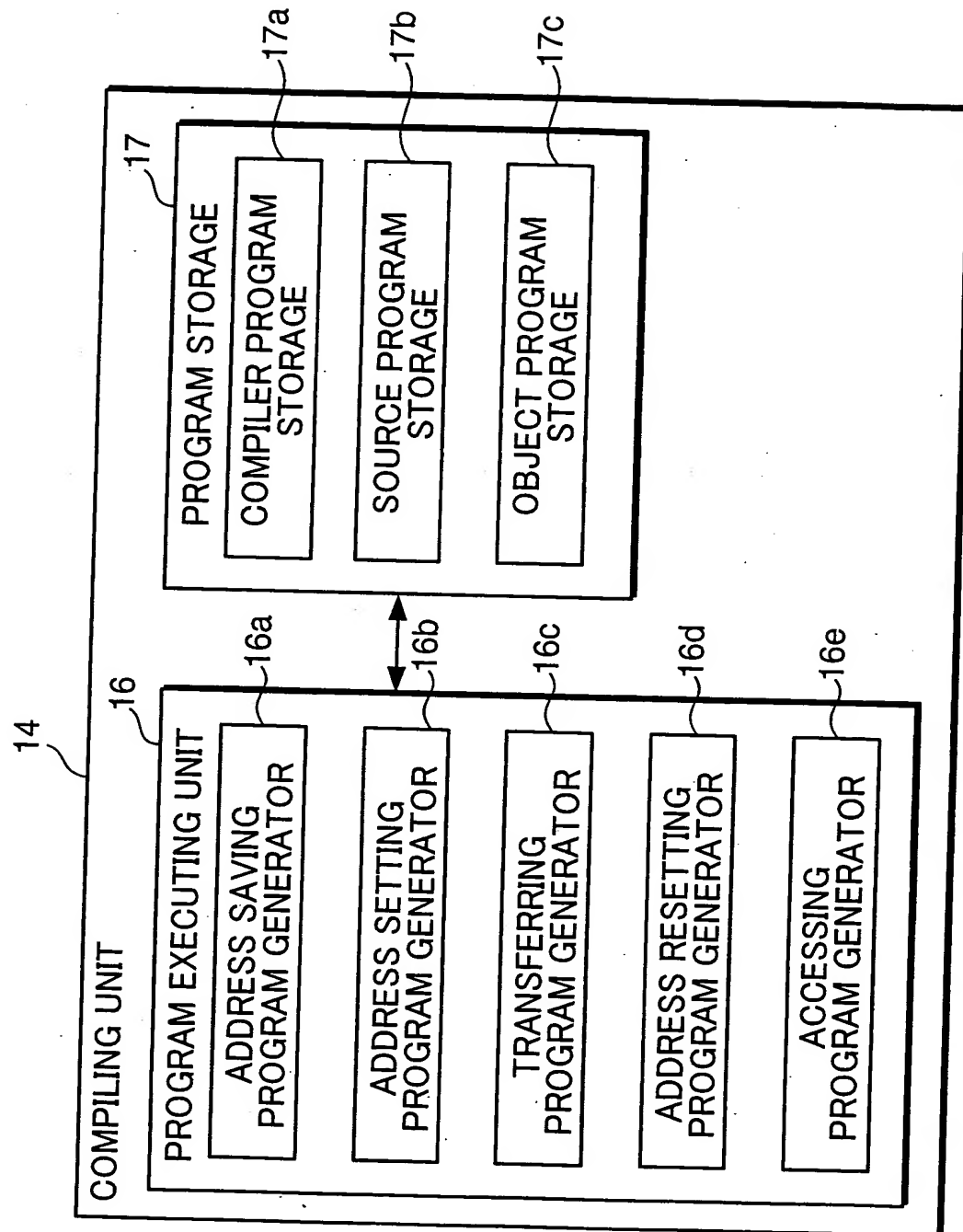


FIG. 3

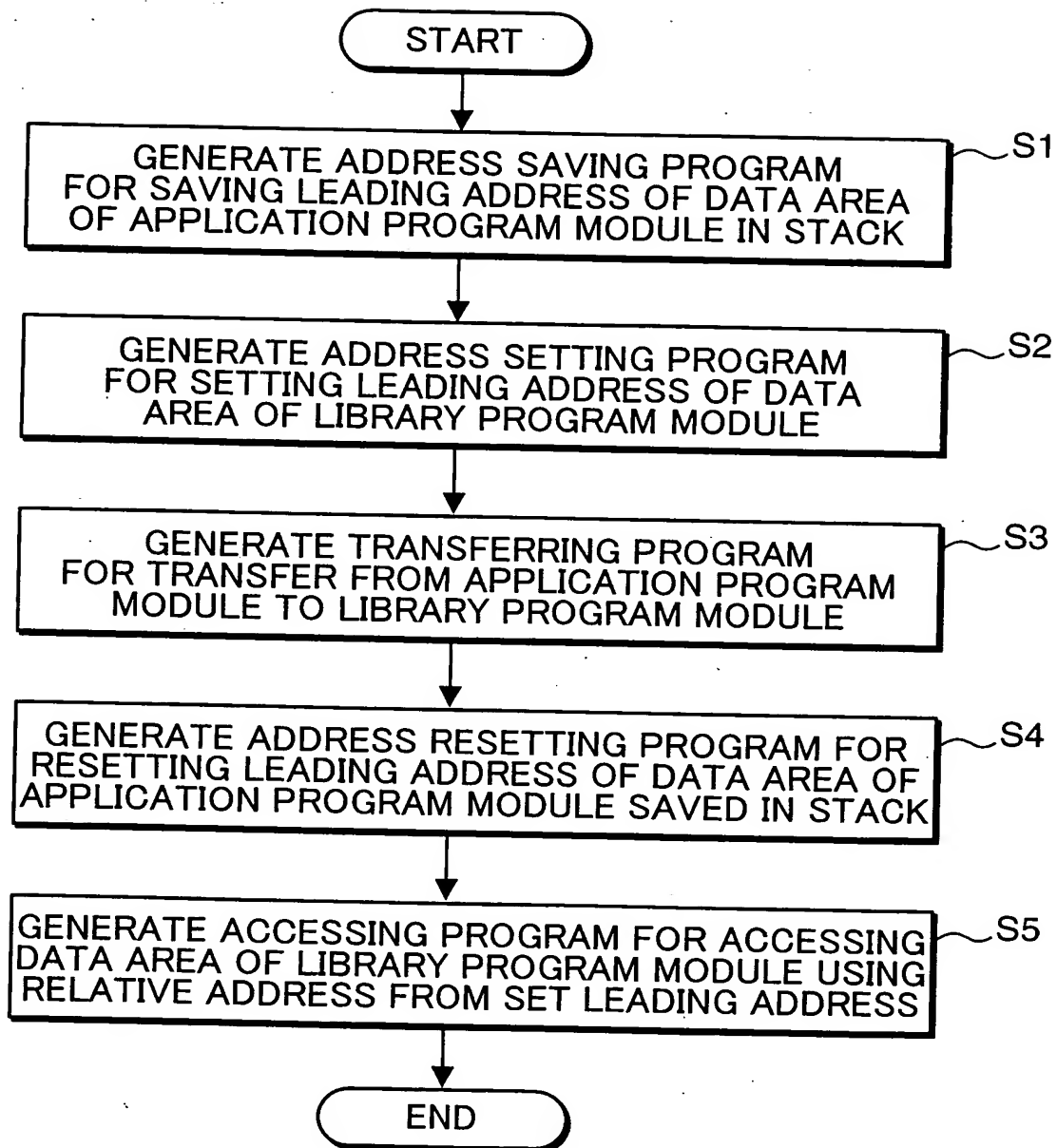


FIG. 4A

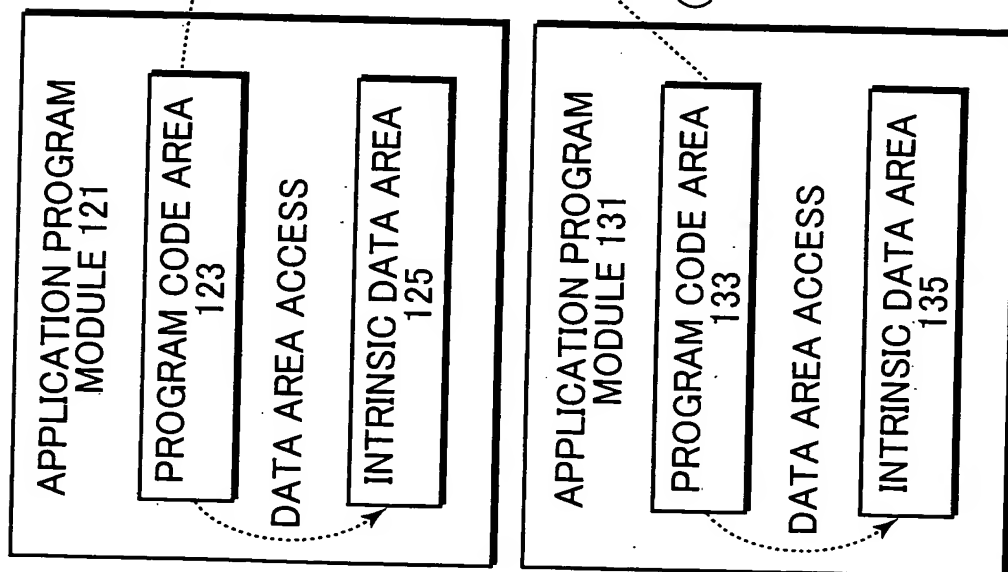


FIG. 4B

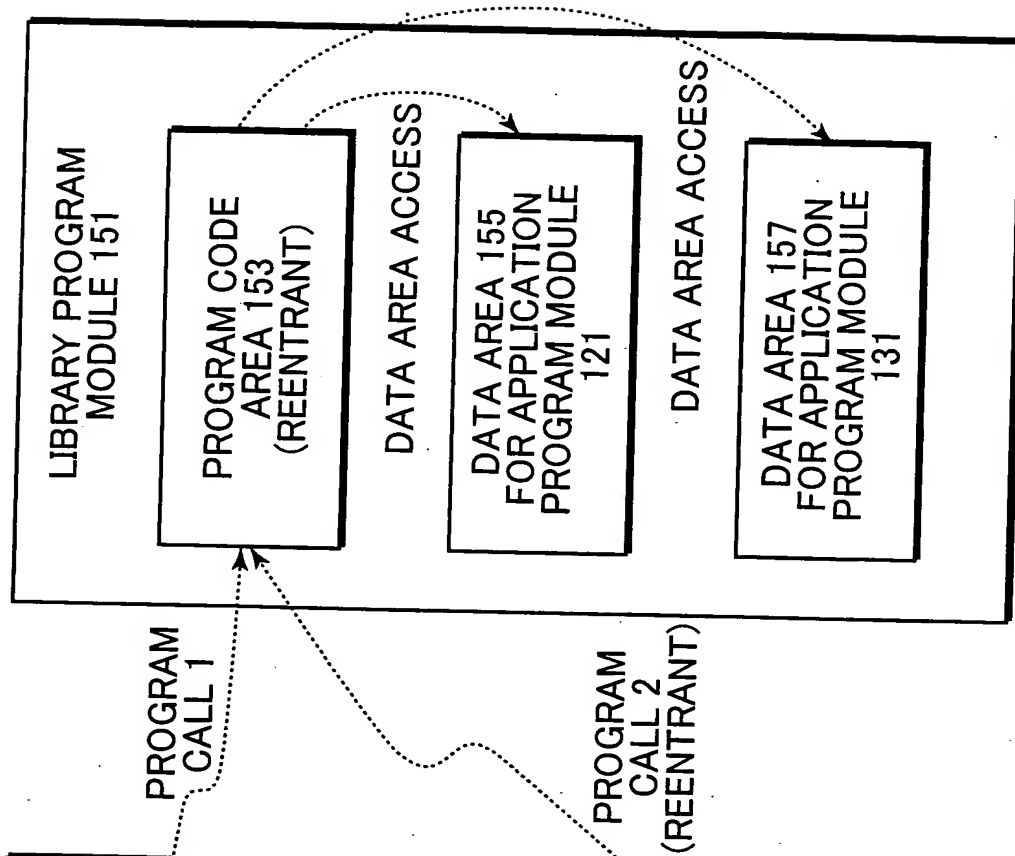


FIG. 5

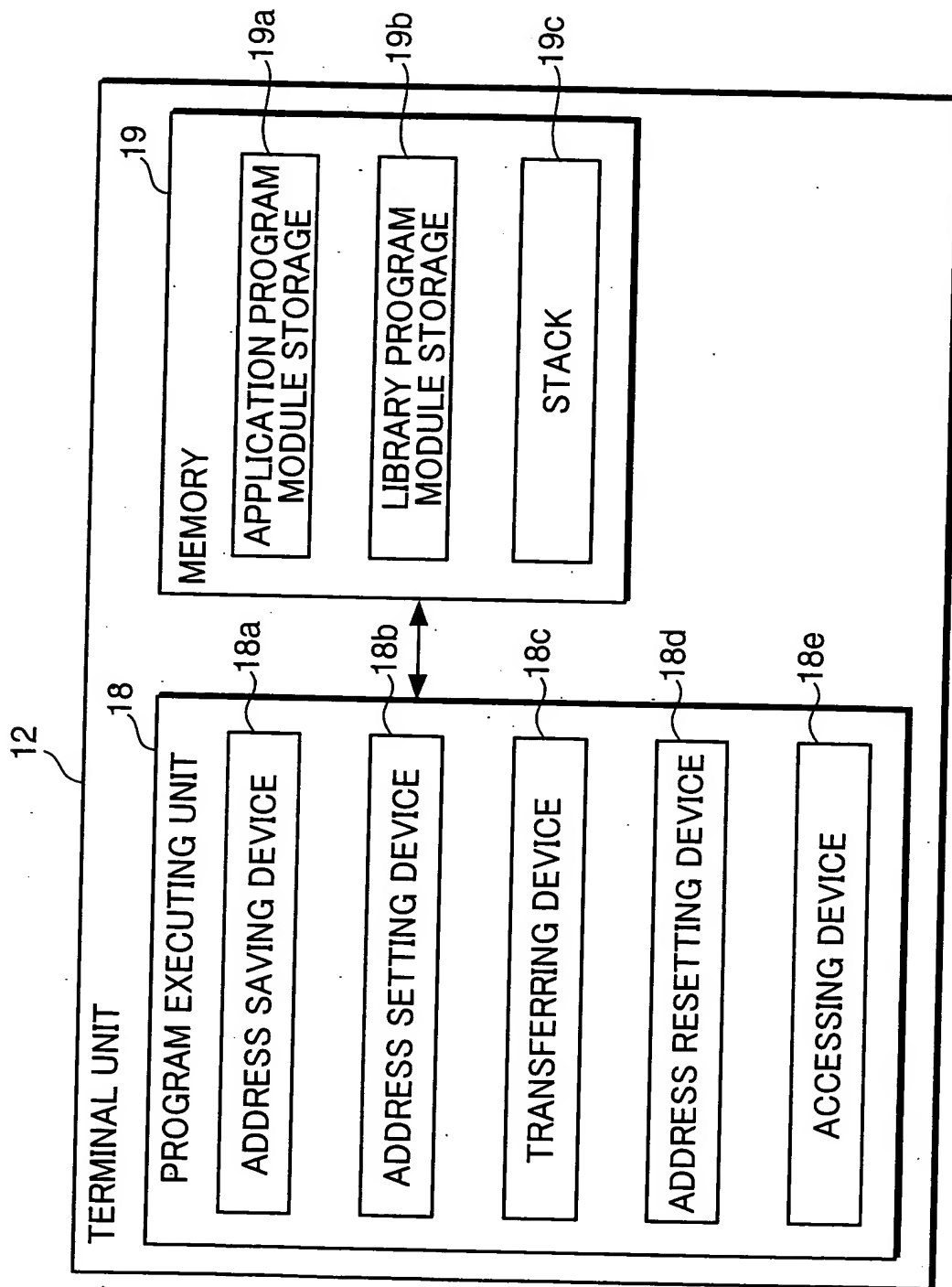


FIG. 6

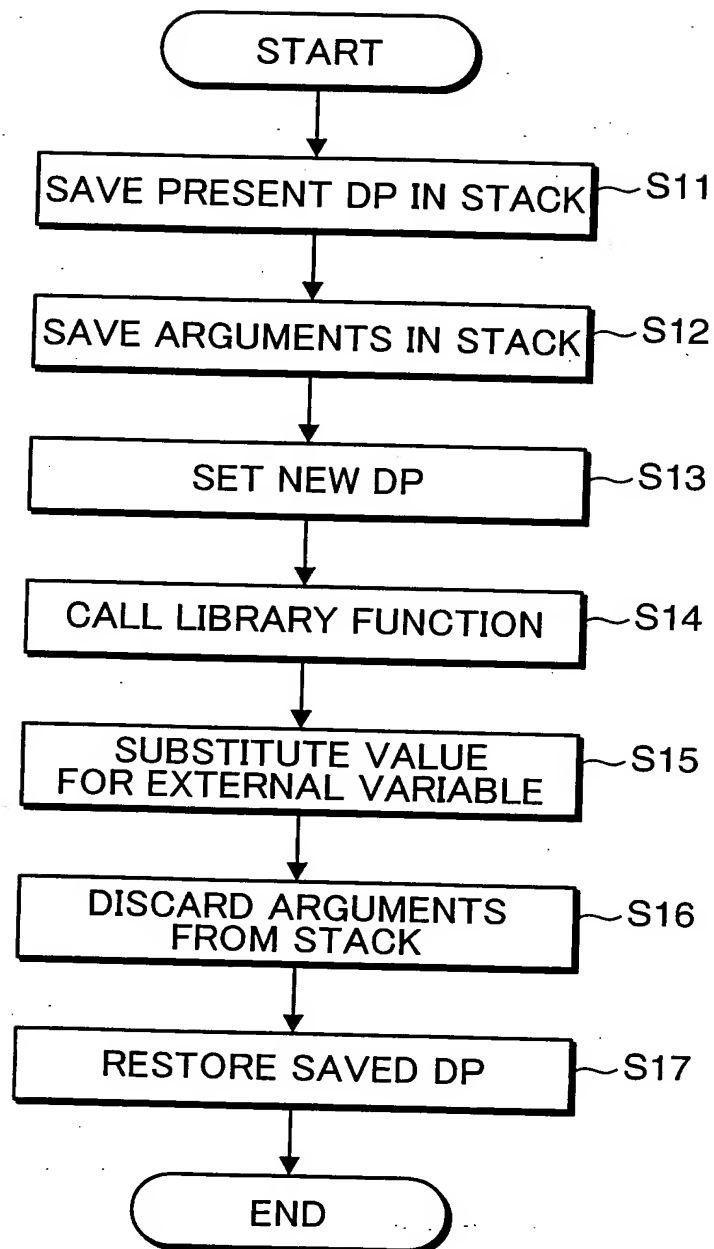


FIG. 7A

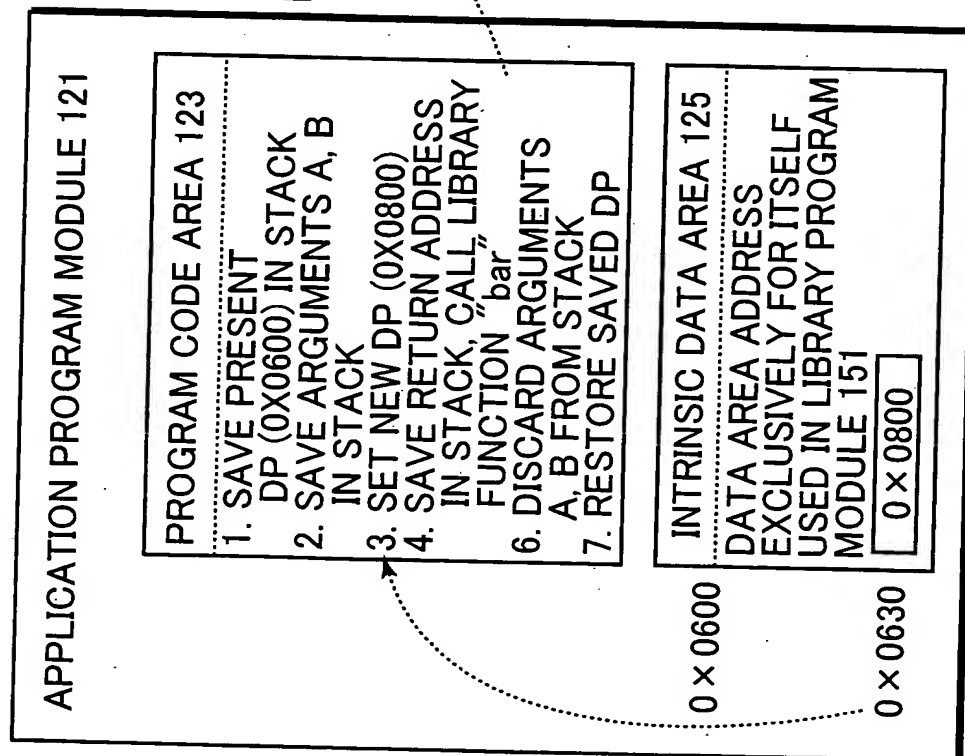


FIG. 7B

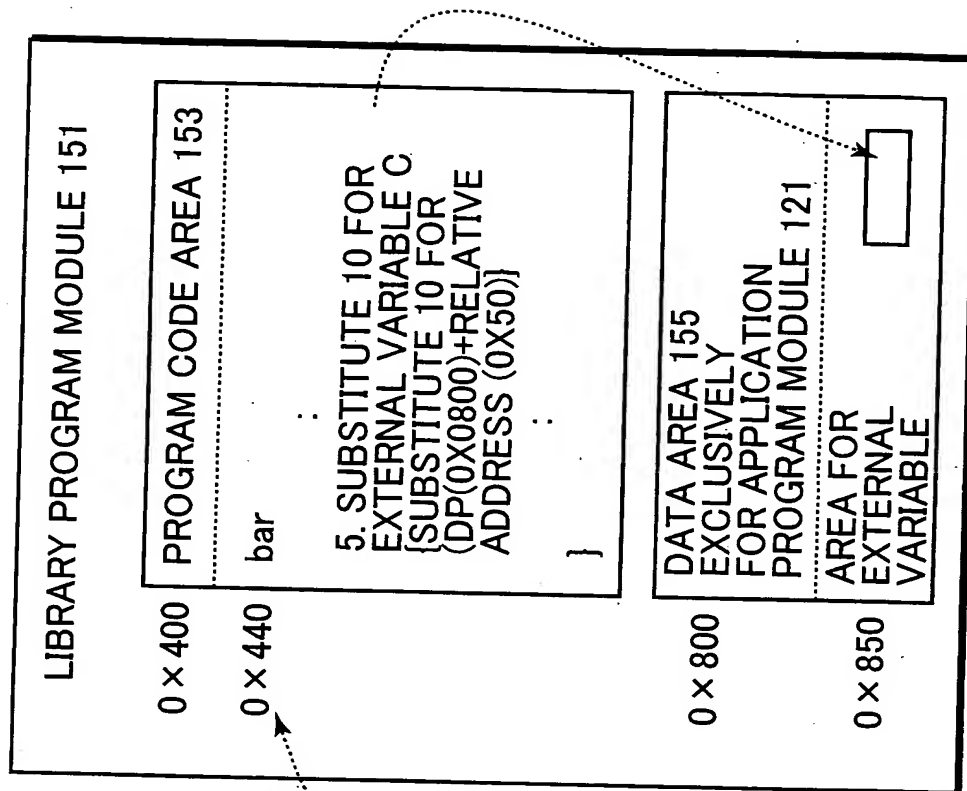


FIG. 8A

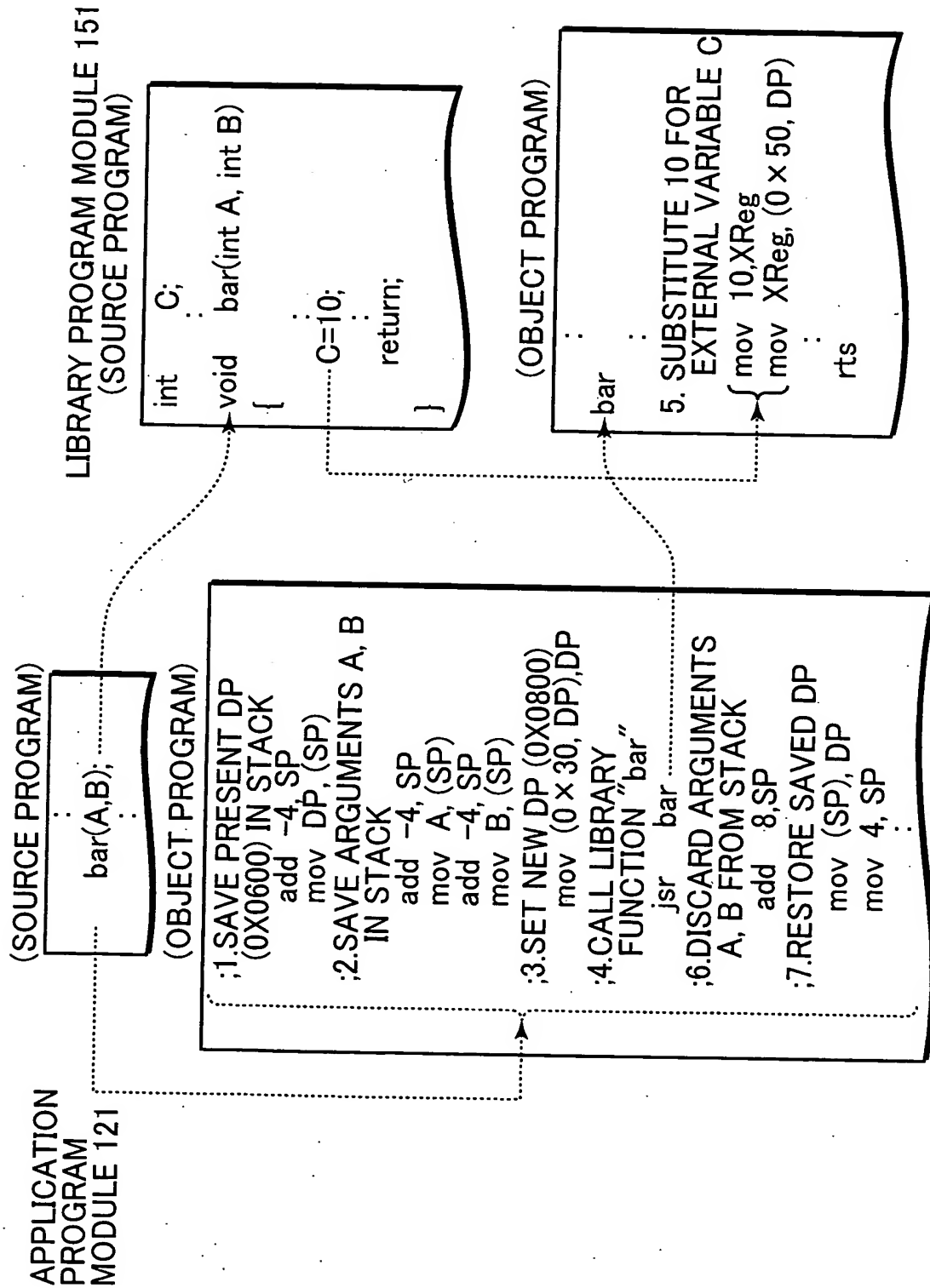


FIG. 8B

FIG. 9A

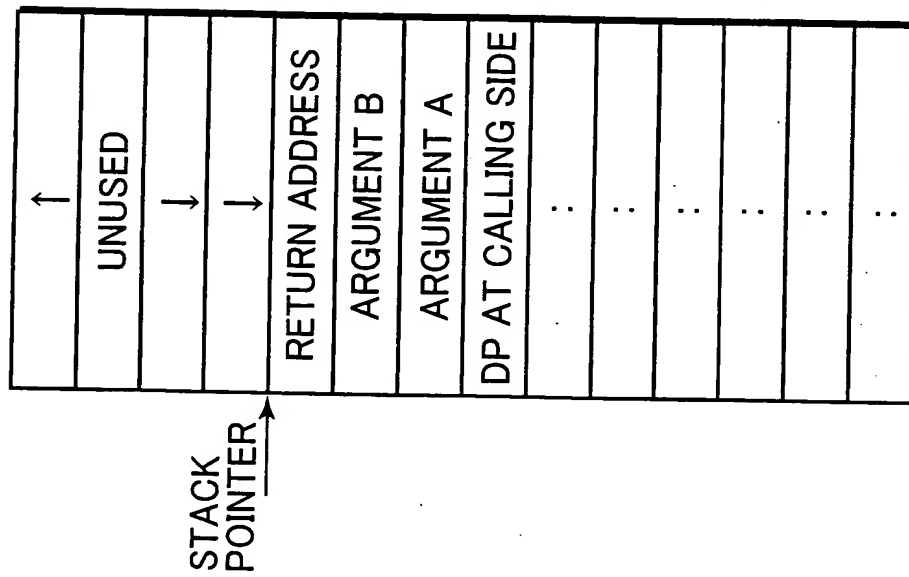
STACK MEMORY
(LAST-IN FIRST-OUT)

FIG. 9B

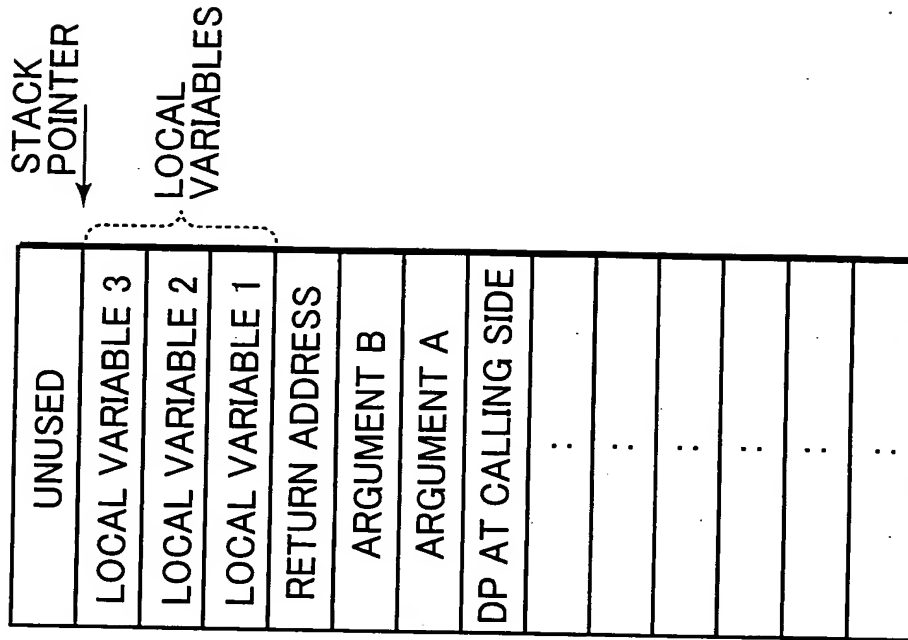


FIG. 10A

LIBRARY PROGRAM MODULE 151
SOURCE PROGRAM

```

int C;
:
bar(A,B);
:
:
private void bar(int A, int B)
{
:
C=10;
:
return;
:
}

```

PROGRAM
CALL

FIG. 10B

LIBRARY PROGRAM MODULE 151
OBJECT PROGRAM

```

:
:1. SAVE ARGUMENTS
A, B IN STACK
add -4, SP
mov A, (SP)
add -4, SP
mov B, (SP)
:2. CALL LIBRARY
FUNCTION "bar"
jsr bar
:4. DISCARD ARGUMENTS
A, B FROM STACK
add 8, SP
:
:
bar
:
:3. SUBSTITUTE 10 FOR
EXTERNAL VARIABLE C
mov 10, XReg
mov XReg, (0 x 50, DP)
:
rts
:

```

FIG. 11

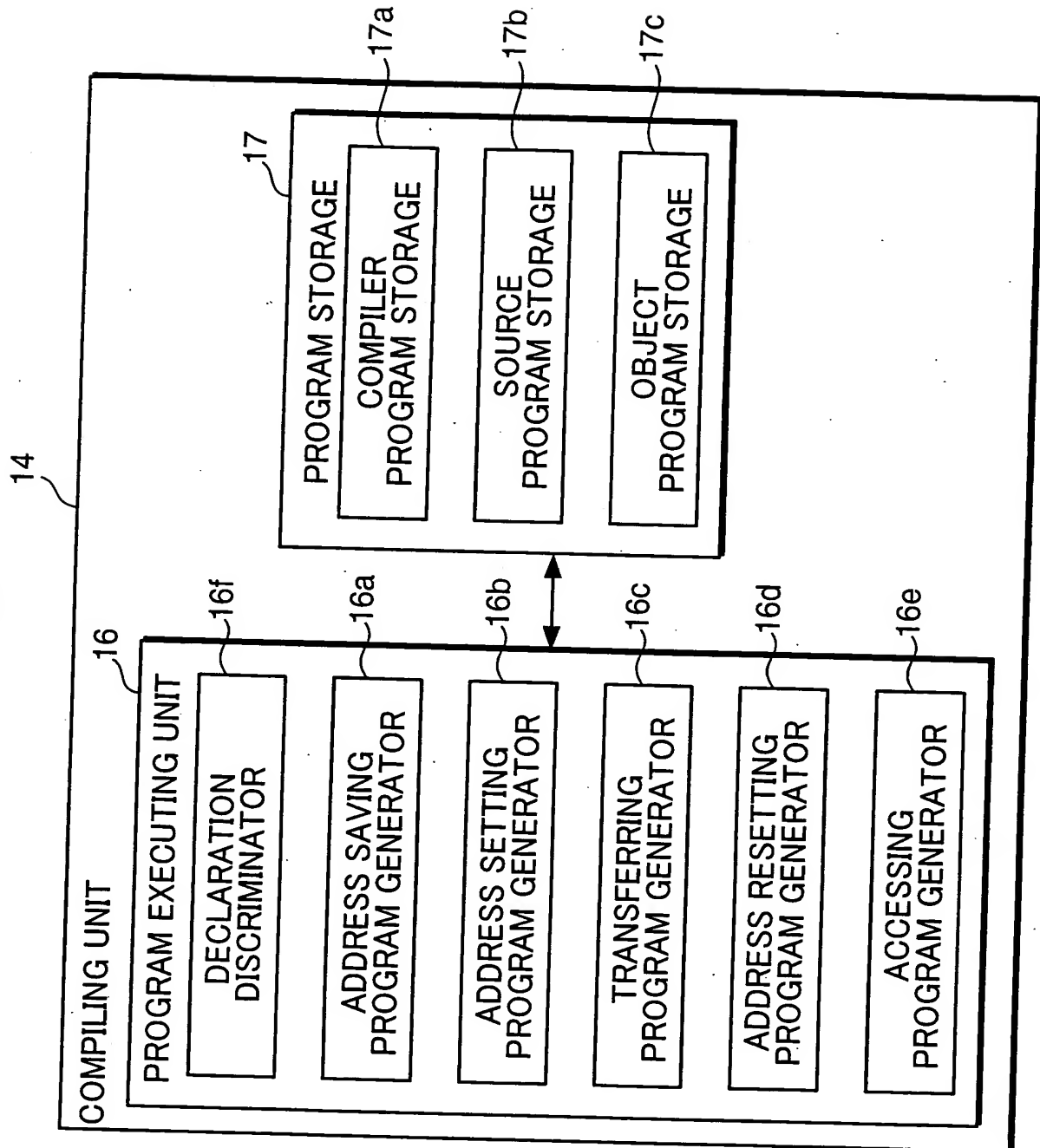


FIG. 13

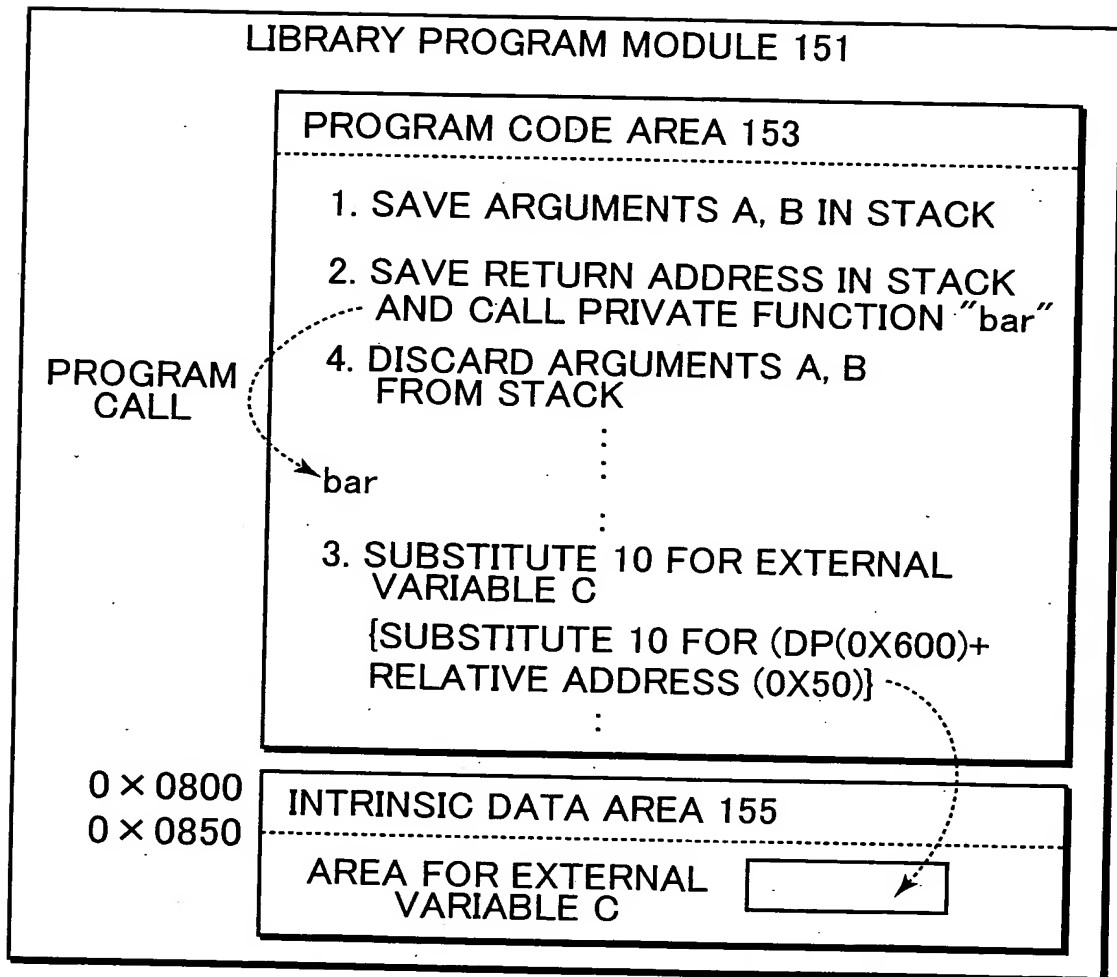


FIG. 14A

LIBRARY PROGRAM MODULE 551
(SOURCE PROGRAM)

```

:
int C;
common int D;
void bar(int A, int B)
{
/* SUBSTITUTE 10 FOR
EXTERNAL VARIABLE C */
C=10;
/* SUBSTITUTE 20 FOR
EXTERNAL VARIABLE D */
D=20;
return;
}

```

FIG. 14B

LIBRARY PROGRAM MODULE 551
(OBJECT PROGRAM)

```

:
bar
:
; SUBSTITUTE 10 FOR EXTERNAL
VARIABLE C
{ mov 10, XReg
mov XReg, (0 x 50, DP)
; SUBSTITUTE 20 FOR EXTERNAL
VARIABLE D
{ mov 20, XReg
mov XReg, (0 x 60, SDP)
rts
:
:

```

FIG. 15A

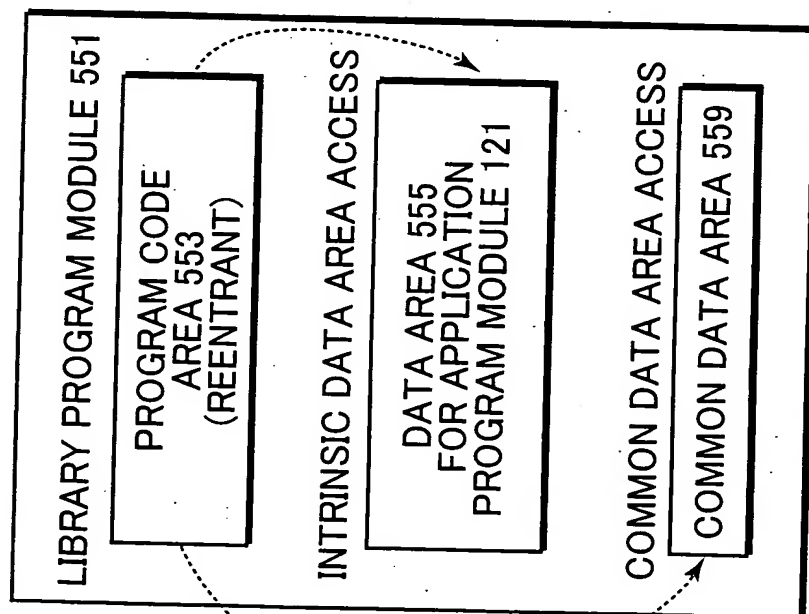


FIG. 15B

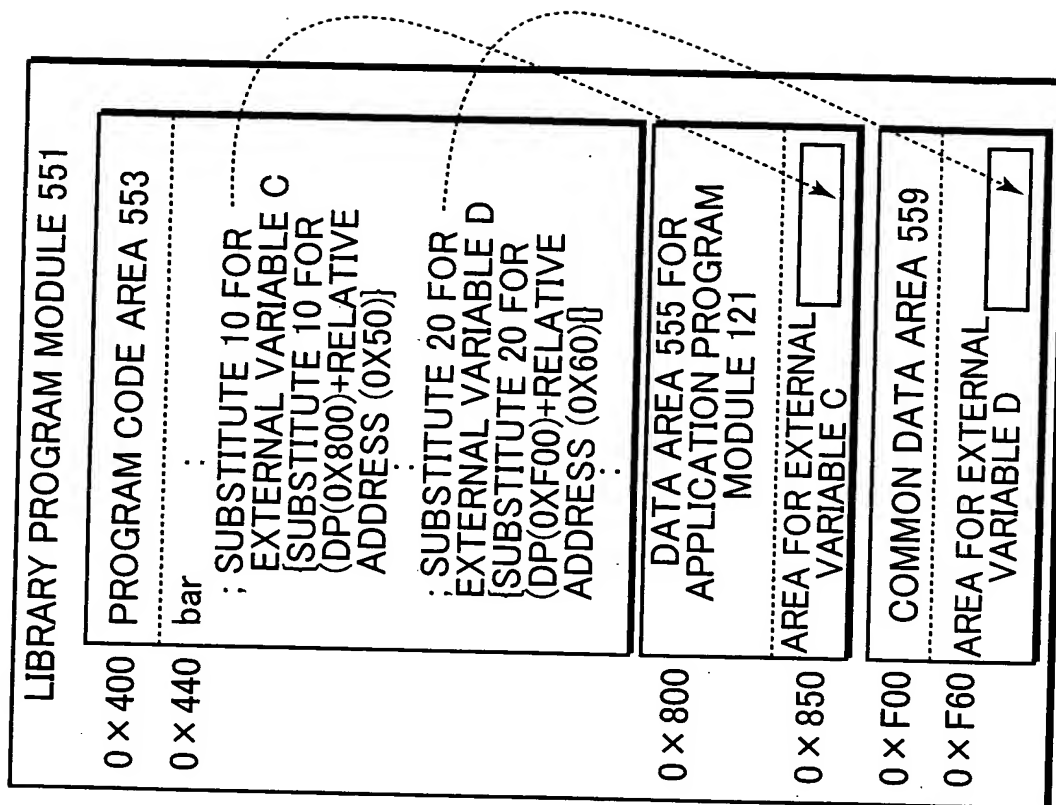


FIG. 16A

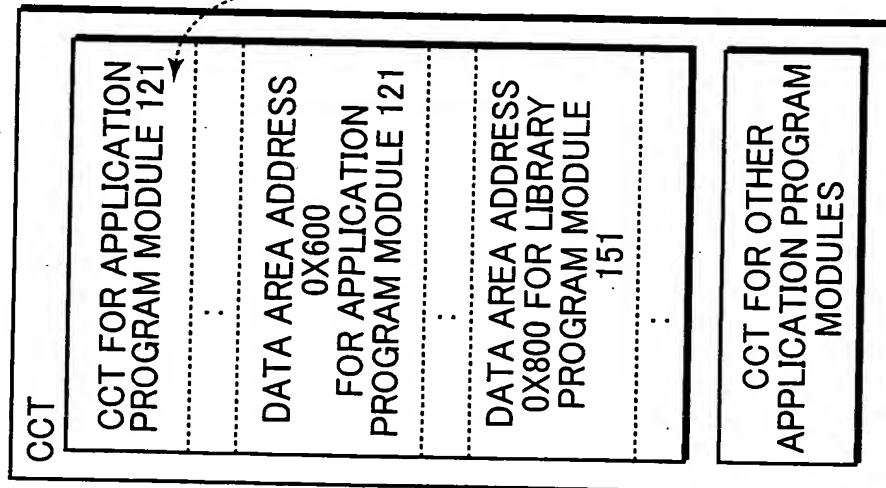


FIG. 16B

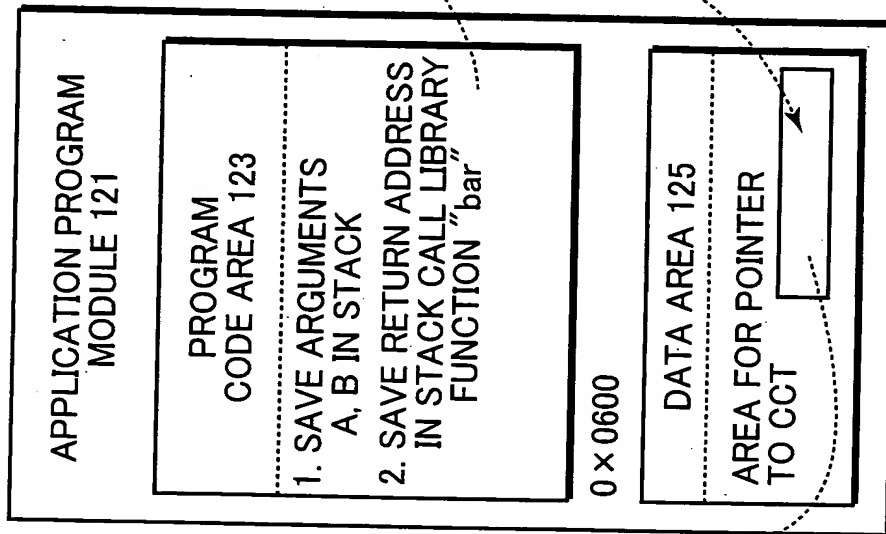


FIG. 16C

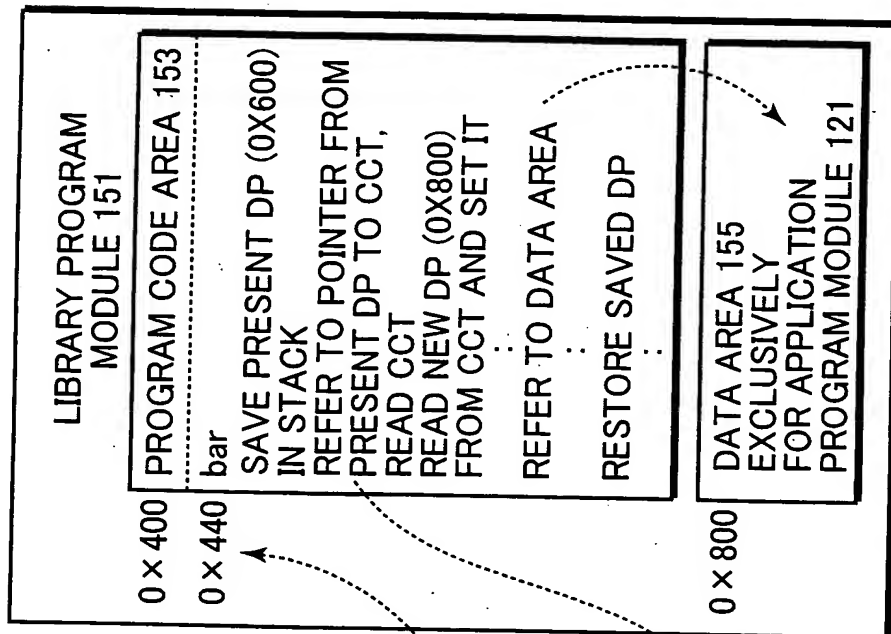


FIG. 17

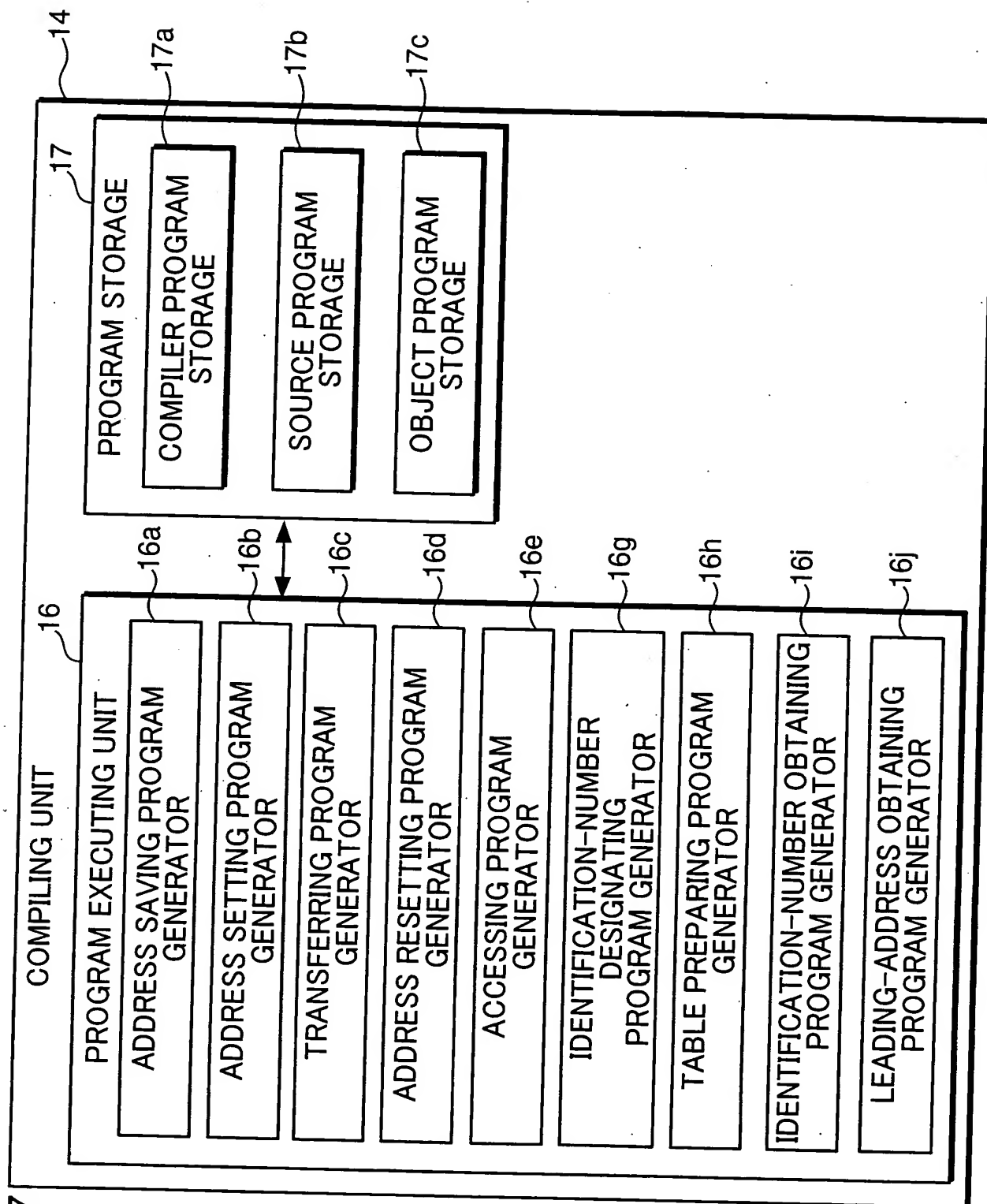


FIG. 18

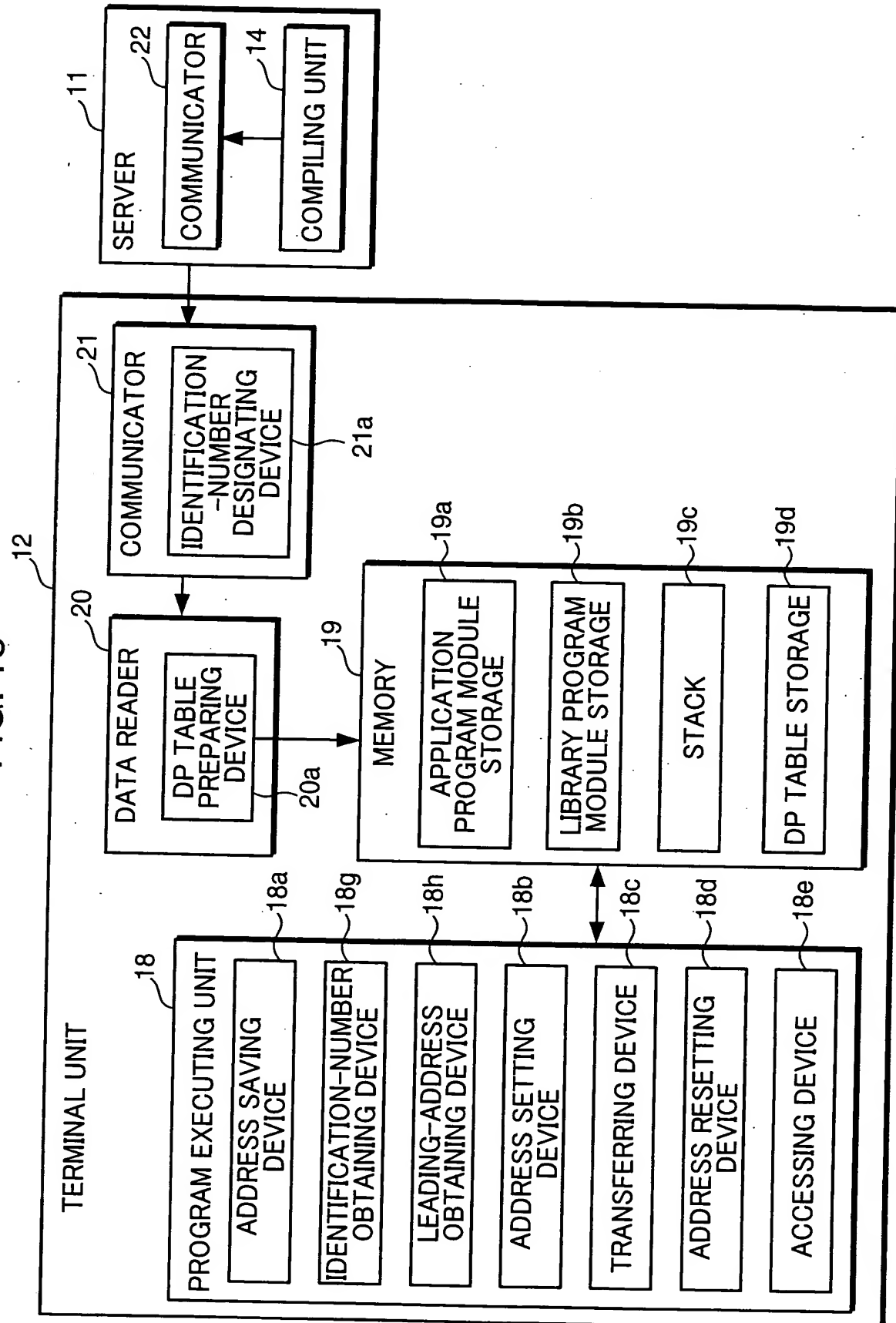


FIG. 19

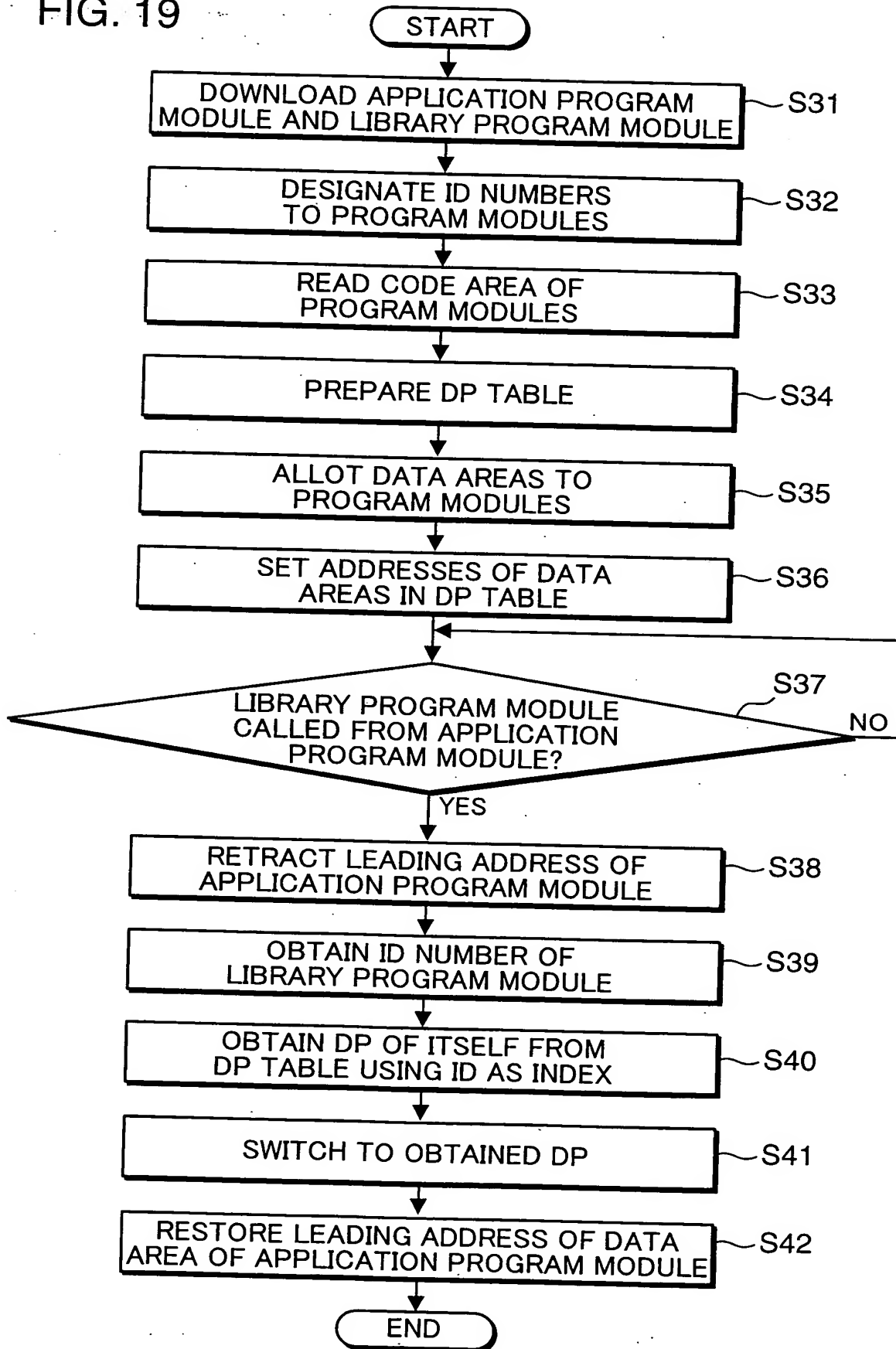


FIG. 20

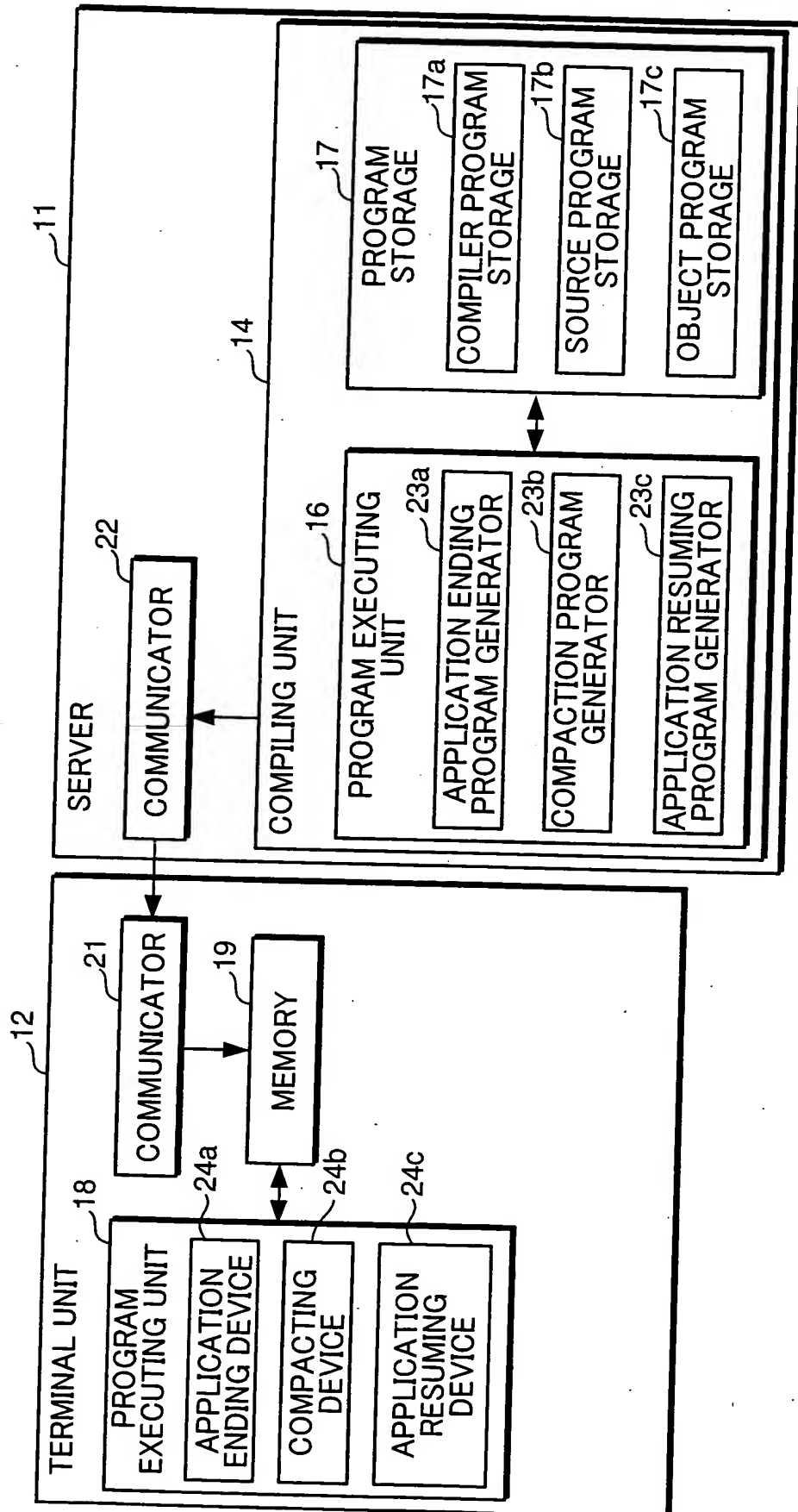


FIG. 21

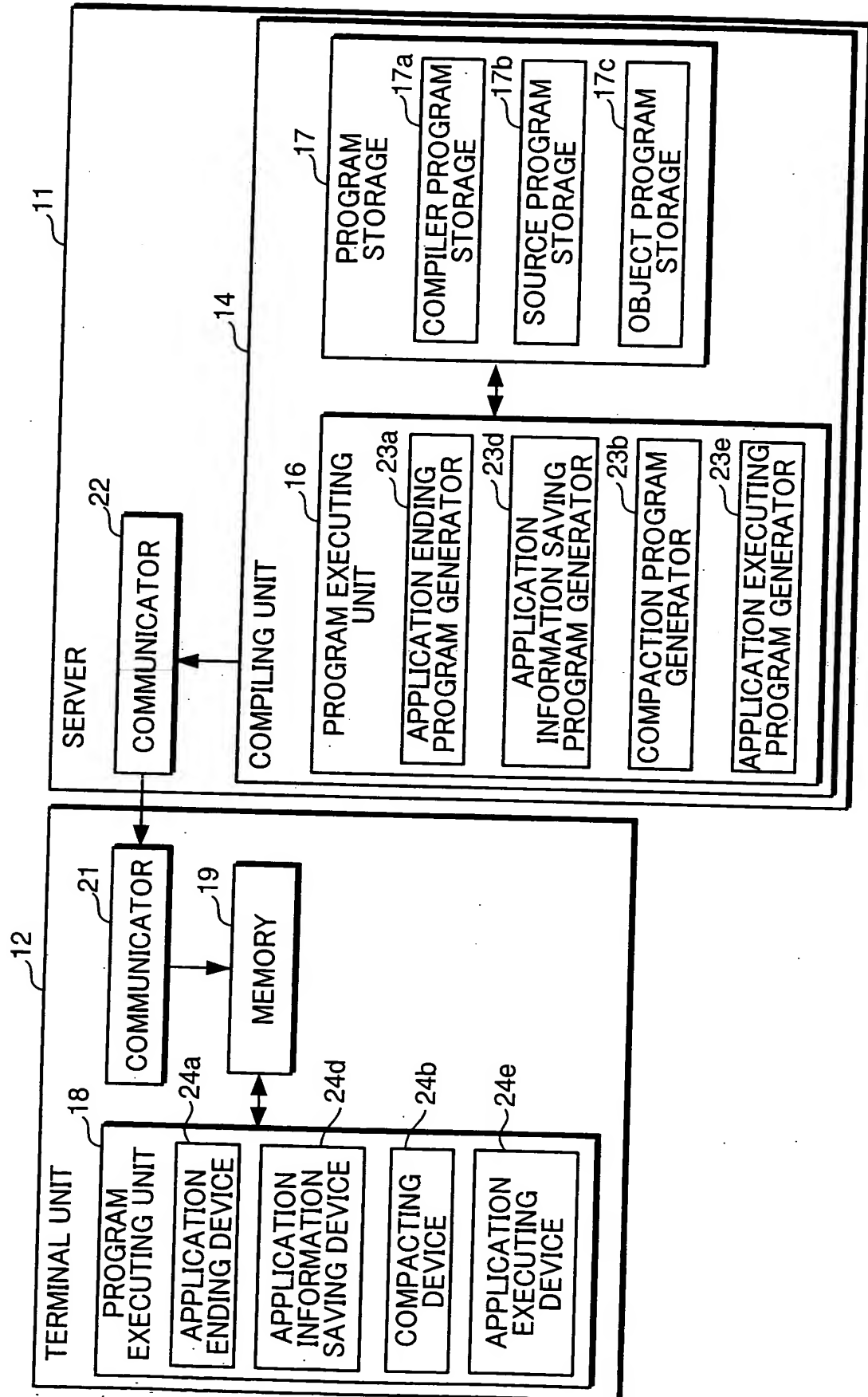


FIG. 22

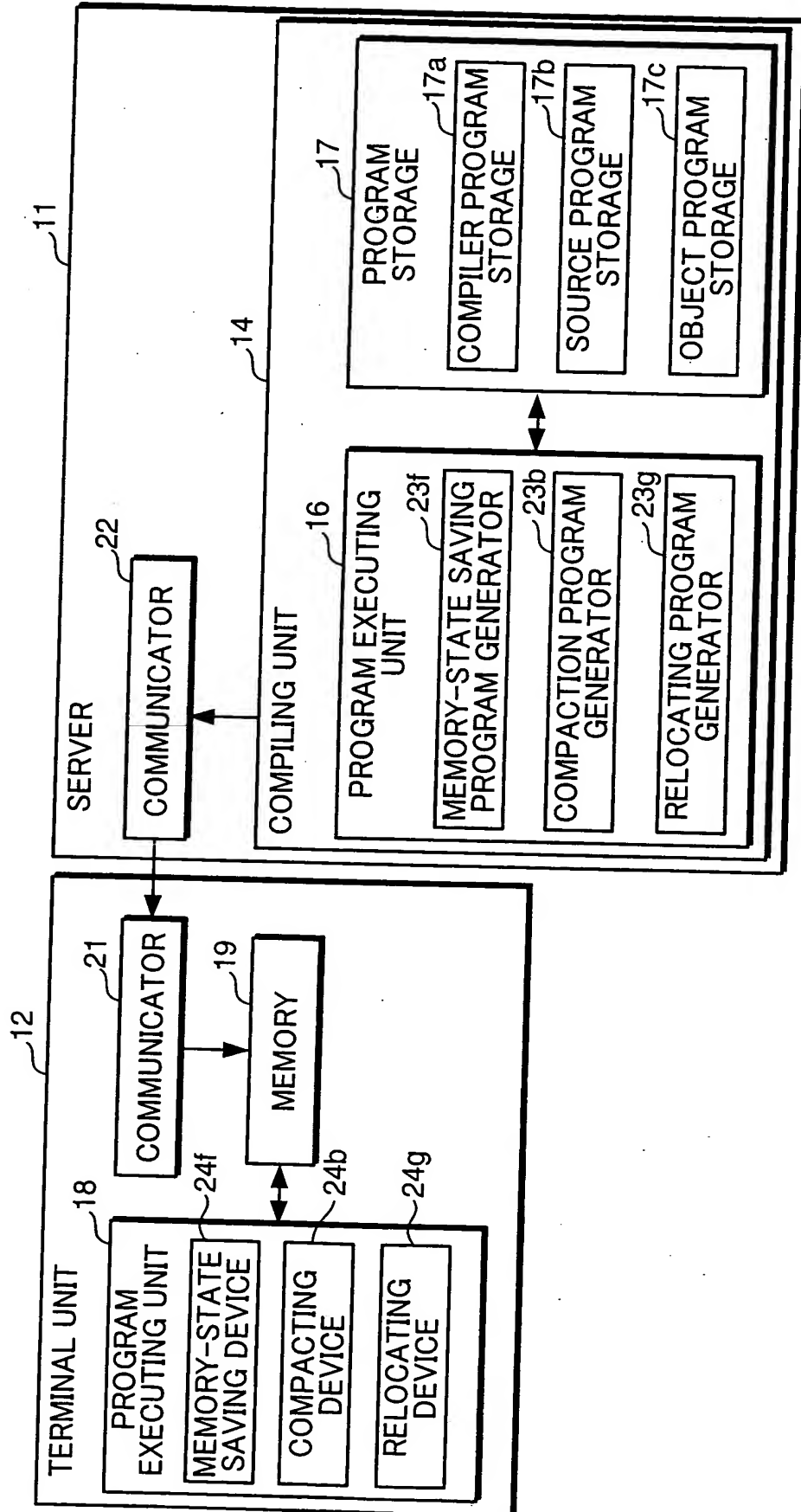


FIG. 23A

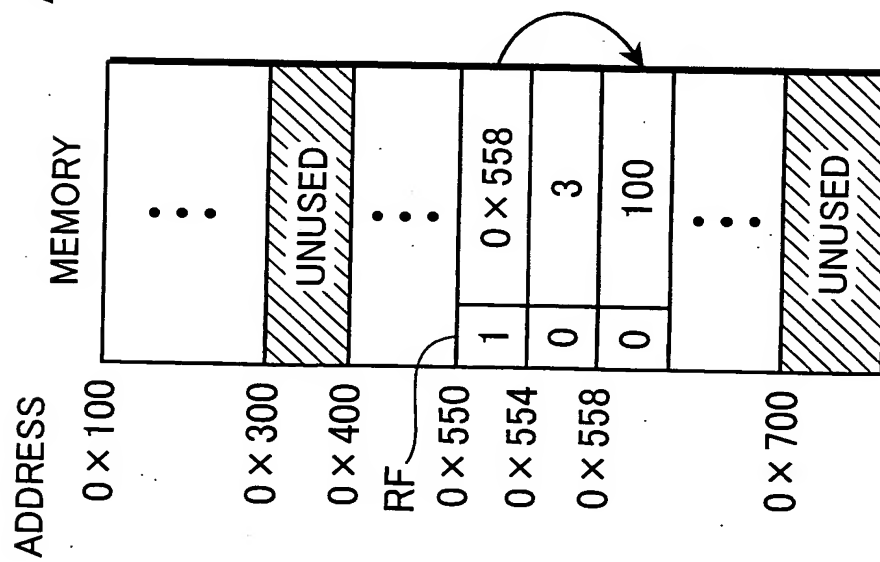


FIG. 23B

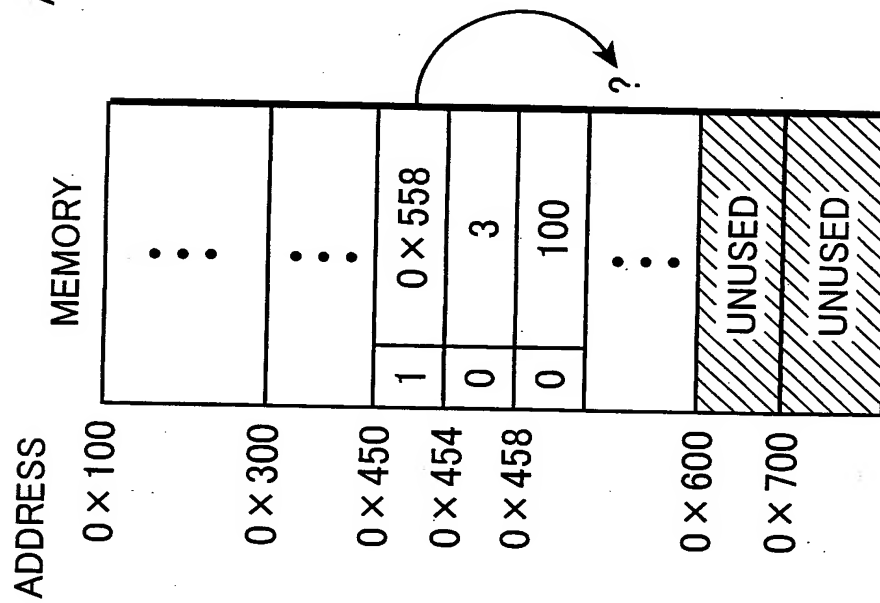


FIG. 23C

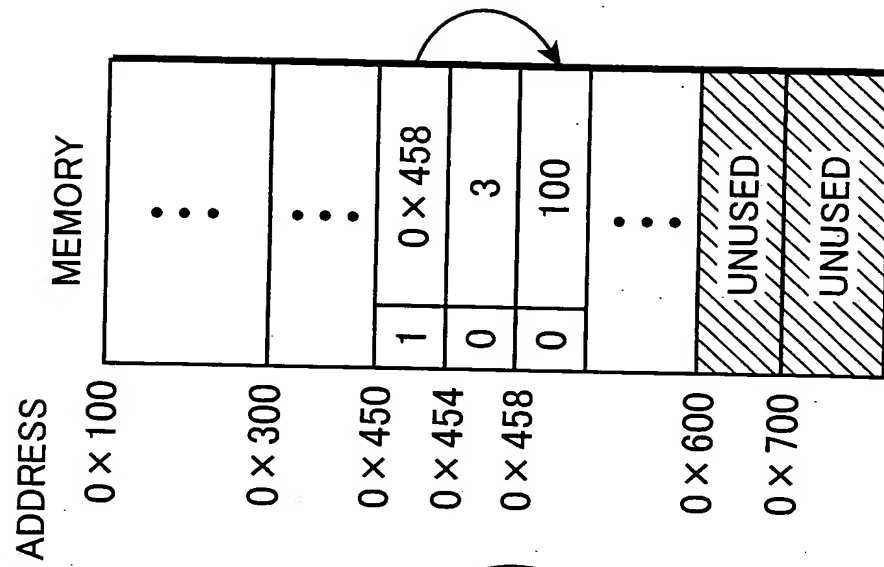


FIG. 24

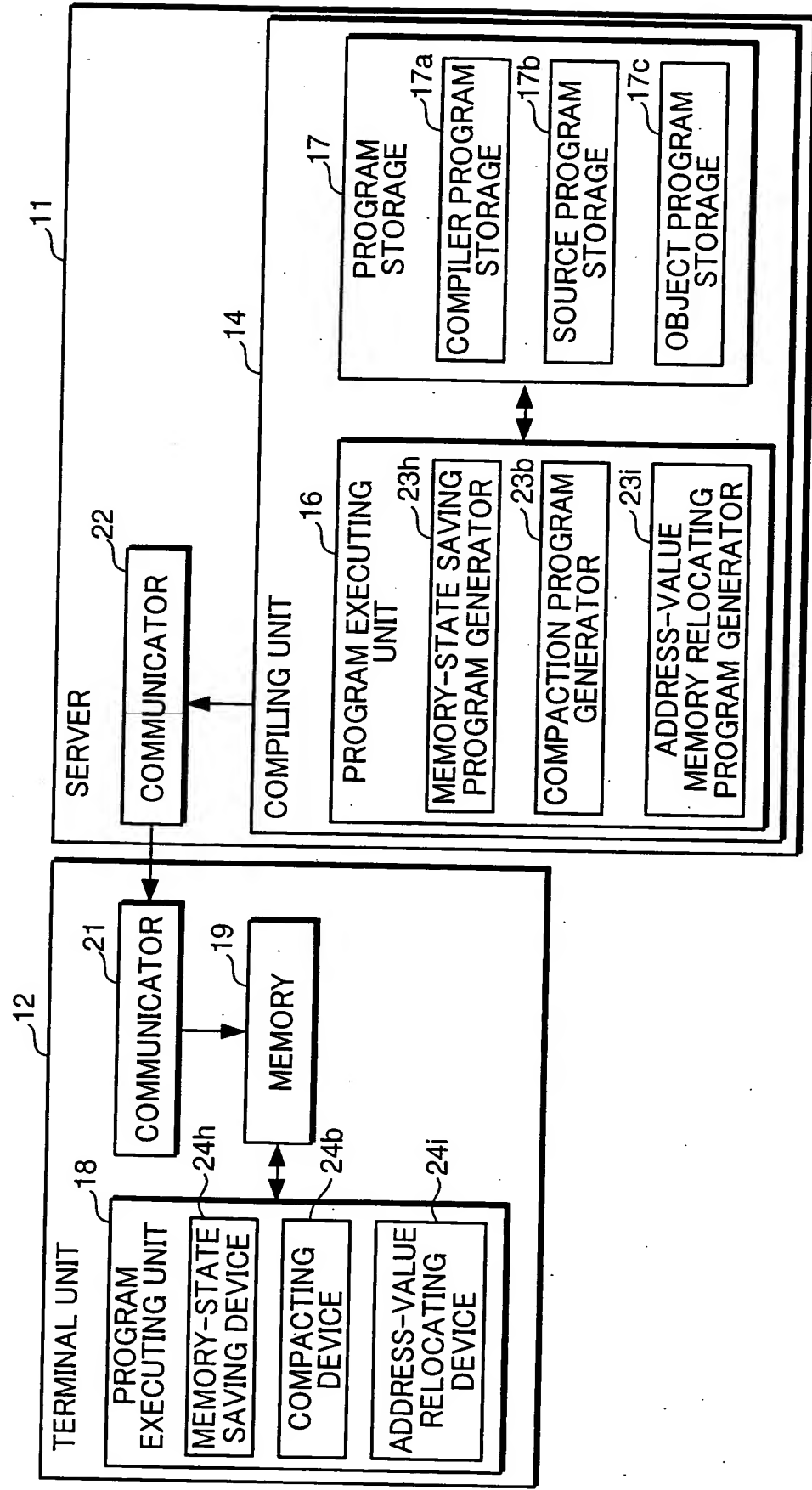


FIG. 25A

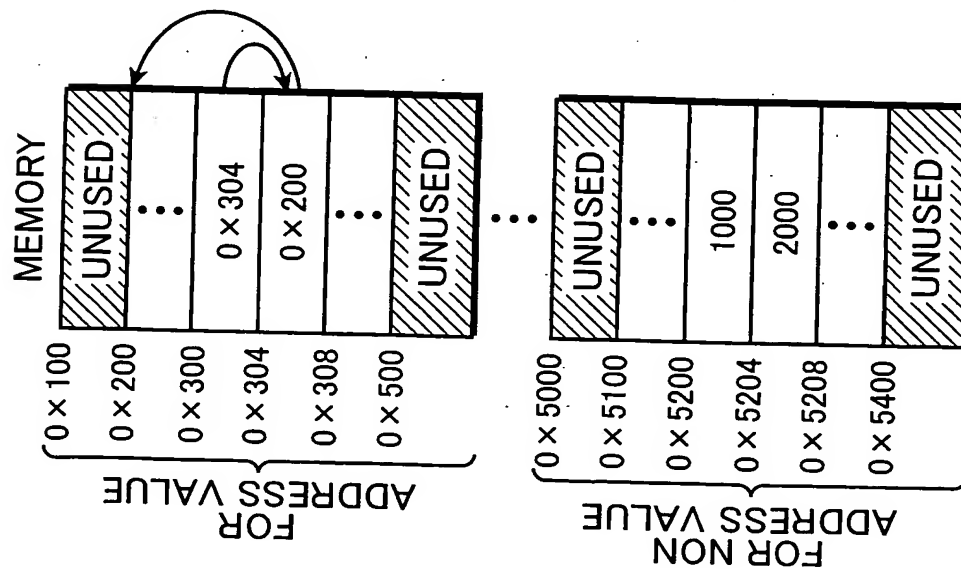


FIG. 25B

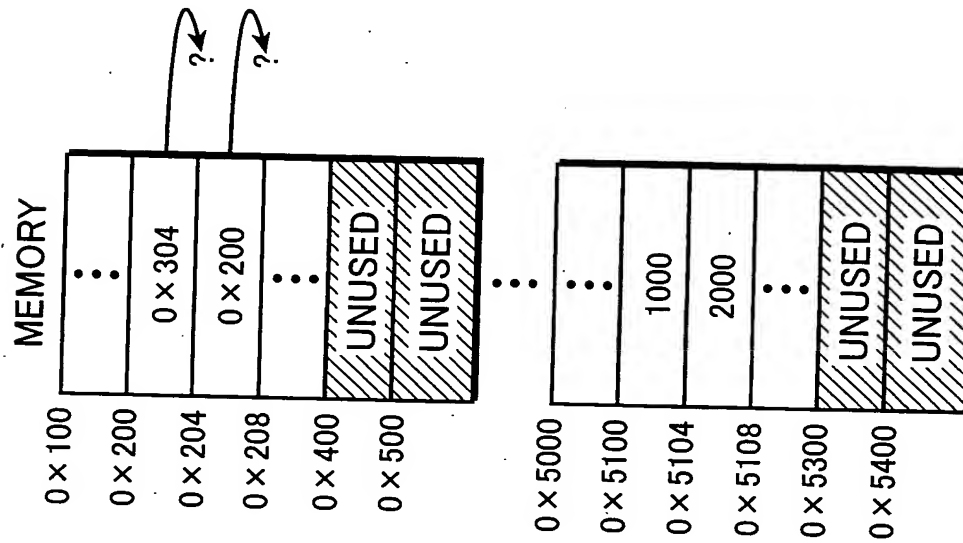


FIG. 25C

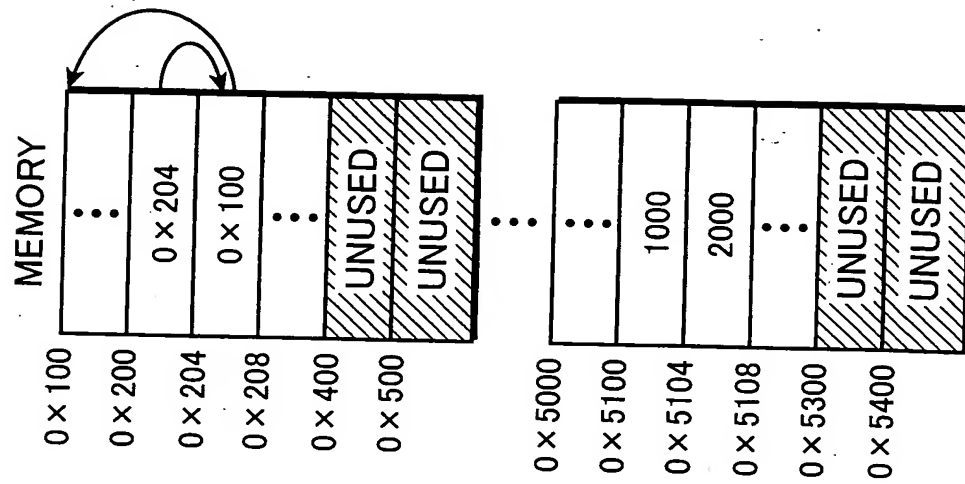


FIG. 26

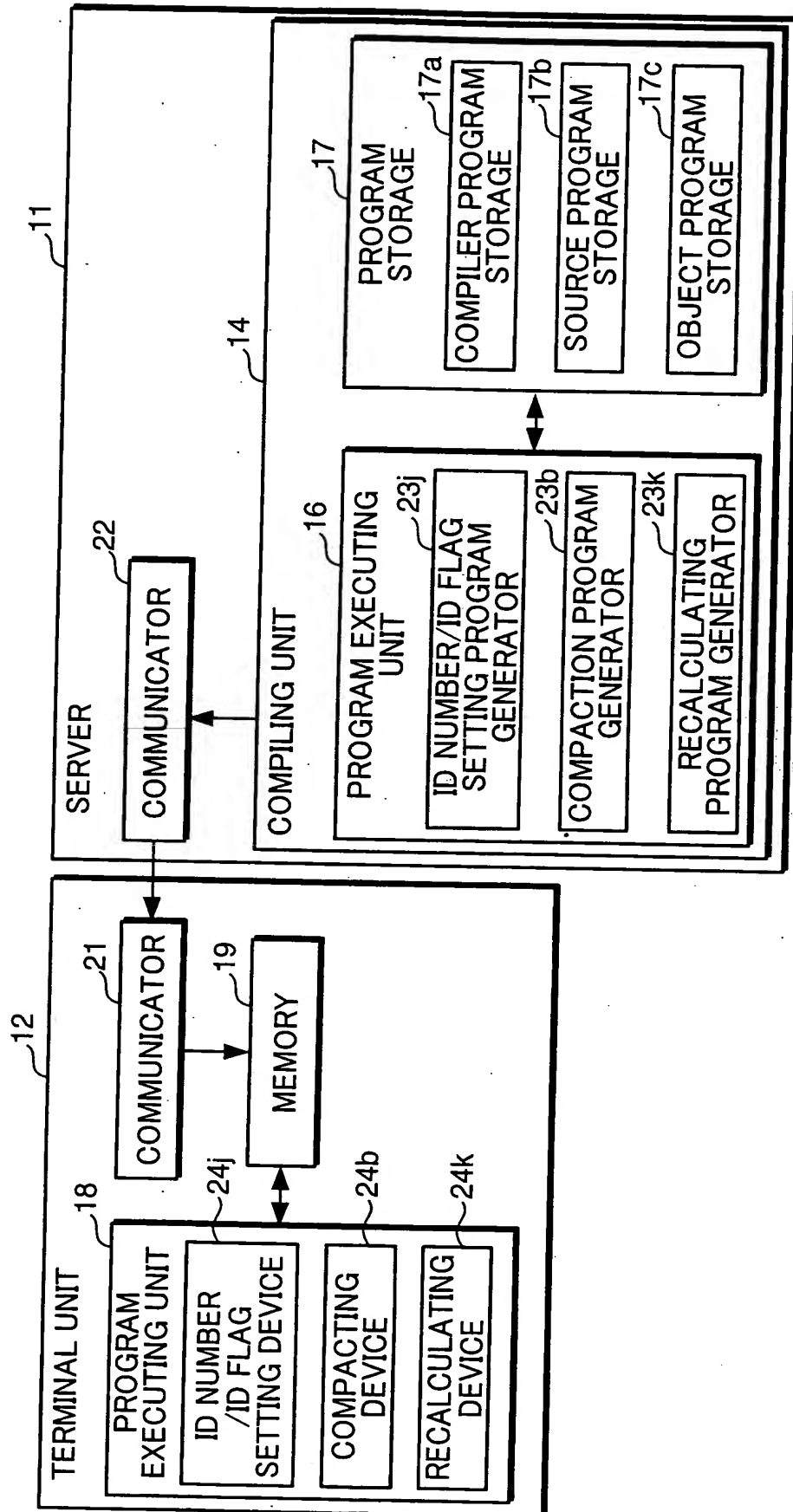


FIG. 27

